

Sample Course Sequence (Full-time students, 4-year, 11-semester plan, Fall, Winter, and Summer terms)

This Sample Course Sequence sheet shows *only one example* of how courses may be scheduled. Some courses may be taken before or after the semester they are listed, provided course [Pre-Requisites](#) <link> have been met.

Semester	Course	Prerequisites	Co-requisites
FALL – 1 (14 credits)	CIS 150 with Lab (4 credits)		MATH 115
	COMP 105 (3)	Placement into COMP 105	
	MATH 115 (4)	Placement into MATH 115	
	Humanities or Beh/Soc Sciences (3)		
Winter (12 credits)	CIS 200 with Lab (4)	CIS 150, MATH 115	CIS 275
	MATH 116 (4)	MATH 115	
	CIS 275 (4)	MATH 115	CIS 200
Summer (5 credits)	MATH 217 (2)		MATH 116
	Humanities or Beh/Soc Sciences (3)		
FALL – 2 (14 credits)	CIS 285 (3)	CIS 200, CIS 275	
	Laboratory Science (4)	Varies with specific course	
	CIS 3501 (4)	MATH 115, CIS 200, CIS 275	CIS 285
	CIS 306 (3)	CIS 275	
Winter (14 credits)	Laboratory Science (4)	Varies with specific course	
	CIS 310 (4)	MATH 115, CIS 200, CIS 275	
	IMSE 317 (3)	MATH 116	
	COMP 270 (3)	COMP 105	
Summer (7 credits)	ECON 201 (3)		
	Laboratory Science (4)	Varies with specific course	
FALL – 3 (14 credits)	CIS 427 (4)	IMSE 317, CIS 3501	
	OB 354 (3)	Junior Standing (55 credits)	
	CIS 375 (4)	COMP 270, CIS 3501	
	Humanities or Beh/Soc Sciences (3)		
Winter (12 credits)	CIS 450 (4)	IMSE 317, CIS 310, CIS 3501	
	CIS 376 (4)	CIS 375	
	Technical Elective (4)	Varies with specific course	
Summer (3 credits)	Humanities or Beh/Soc Sciences (3)		
FALL – 4 12-13 credits	CIS 4961 (2)	CIS 376	
	App Area CIS course (3-4)	Varies with specific course	
	General Elective (4)		
	CIS 476 (3)	CIS 375	
Winter 12-14 credits	CIS 4962 (2)	CIS 4961	CIS 476
	ENGR 400 (3)	Senior Standing (85 credits)	
	App Area CIS course (4-3)	Varies with specific course	
	Technical Elective (1-3)	Varies with specific course	

➔ See **CURRICULUM REQUIREMENTS SHEET** (www.engin.umd.umich.edu/SRA/circ_requir.php) <link> for detailed course requirements, including those for the Humanities and Behavioral or Social Sciences courses.

➔ For courses needed for co-op see: www.engin.umd.umich.edu/COOP/eligibility.php <link>